

**-Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Min Wang

GENERAL INFORMATION:

Name:	Bosch Rexoroth Corporation
Address:	1953 Mercer Rd.; Lexington, KY 40511
Date application received:	February 16, 2006
SIC/Source description:	3492
EIS #:	21-067-00056
AI#:	1091
Activity #:	APE20060002
Permit number:	F-06-034

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

<b>Pollutant</b>	<b>Actual Emissions (TPY)</b>	<b>Potential Emissions (TPY)</b>
<b>PM</b>	0.14	42.73
<b>PM<sub>10</sub></b>	0.14	42.73
<b>CO</b>	1.472	3.679
<b>NO<sub>x</sub></b>	1.752	4.38
<b>SO<sub>2</sub></b>	0.011	0.026
<b>VOC</b>	3.00	61.01
<b>HAPs</b>	< 10 TPY each and < 25 TPY total	
Toluene	1.26	26.41
Xylene	1.35	28.14
Ethylbenzene	0.10	2.16
MIBK	0.10	2.16
Glycol Ethers	0.12	2.57
Cr	0.02	0.46

SOURCE DESCRIPTION:

Bosch Rexoroth Corporation is located at 1953 Mercer Rd., Lexington, Kentucky. The primary operations at the facility are the machining of components and assembly of these components with purchased items to form hydraulic and pneumatic cylinders and pneumatic valves used in industrial operations for drive, motion and control. Bosch has processes such as Cut off Saw, Metal Processing (grinding, metal cutting, drilling, metal milling), Welding, and two Spray Booths for painting the parts.

EMISSION AND OPERATING CAPS DESCRIPTION:

The facility took emission limits on HAPs to avoid becoming major source.

OPERATIONAL FLEXIBILITY:

None